



Service Manual

Built-in oven
AKZ 531 WH

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Technical data

Electrical connection

Rated voltage	230 V ~		
Main connection	400 V	3N~ 50	Hz
	400 V	2N~ 50	Hz
	230 V	1N~ 50	Hz
Total connected load	3650		W
Upper heating element / Grill	2250		W
Lower heating element	1450		W
Booster	3650		W

Electrical components

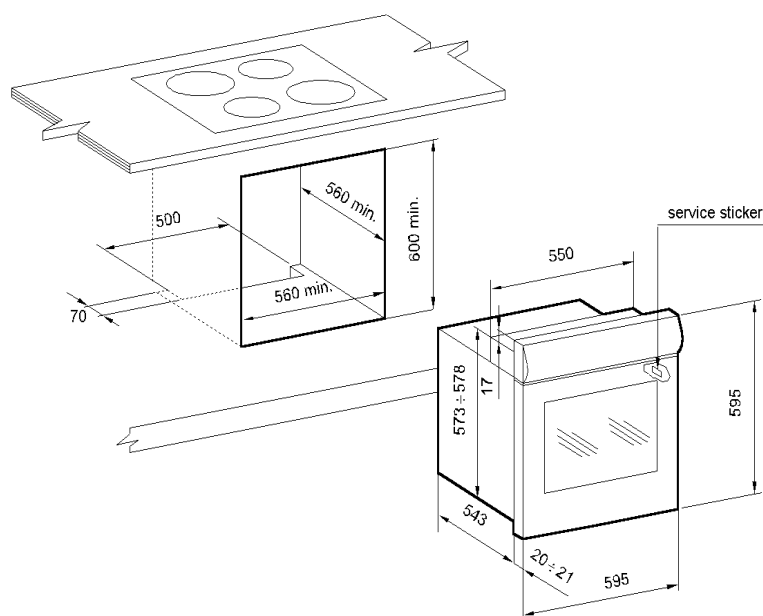
Auto timer	Interface module
Hob control	Electronic control unit

Accessories

Baking tray enameled	375 x 445,5	mm
Fat pan enameled	375 x 445,5	mm
Grid chrome	446,5 x 340	mm

Failure codes

Fault	Defect	Intervention
F01	Open or short circuit of the temperature probe	Replace the temperature probe
F02	Overheating of the oven	Replace Capricorn (oven power unit)
F03	Capricorn not properly configured	Replace Capricorn (oven power unit)
F04	WISP protocol doesn't work (communication error)	Replace Capricorn (oven power unit) or replace Scales (hob control unit)



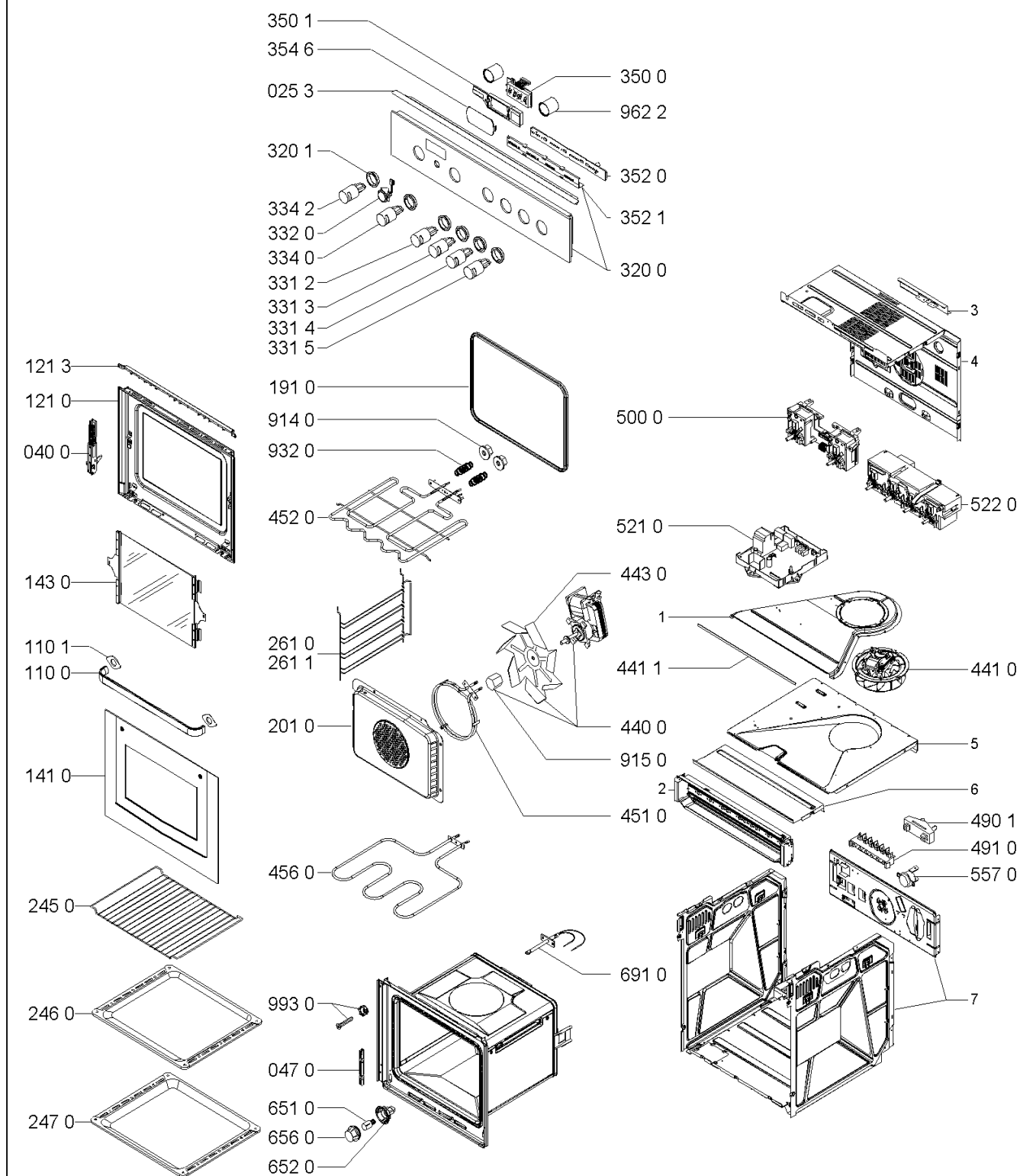
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Spare part list

Model **AKZ 531 WH**
Service No. **858553101010**
Version **858553101010**

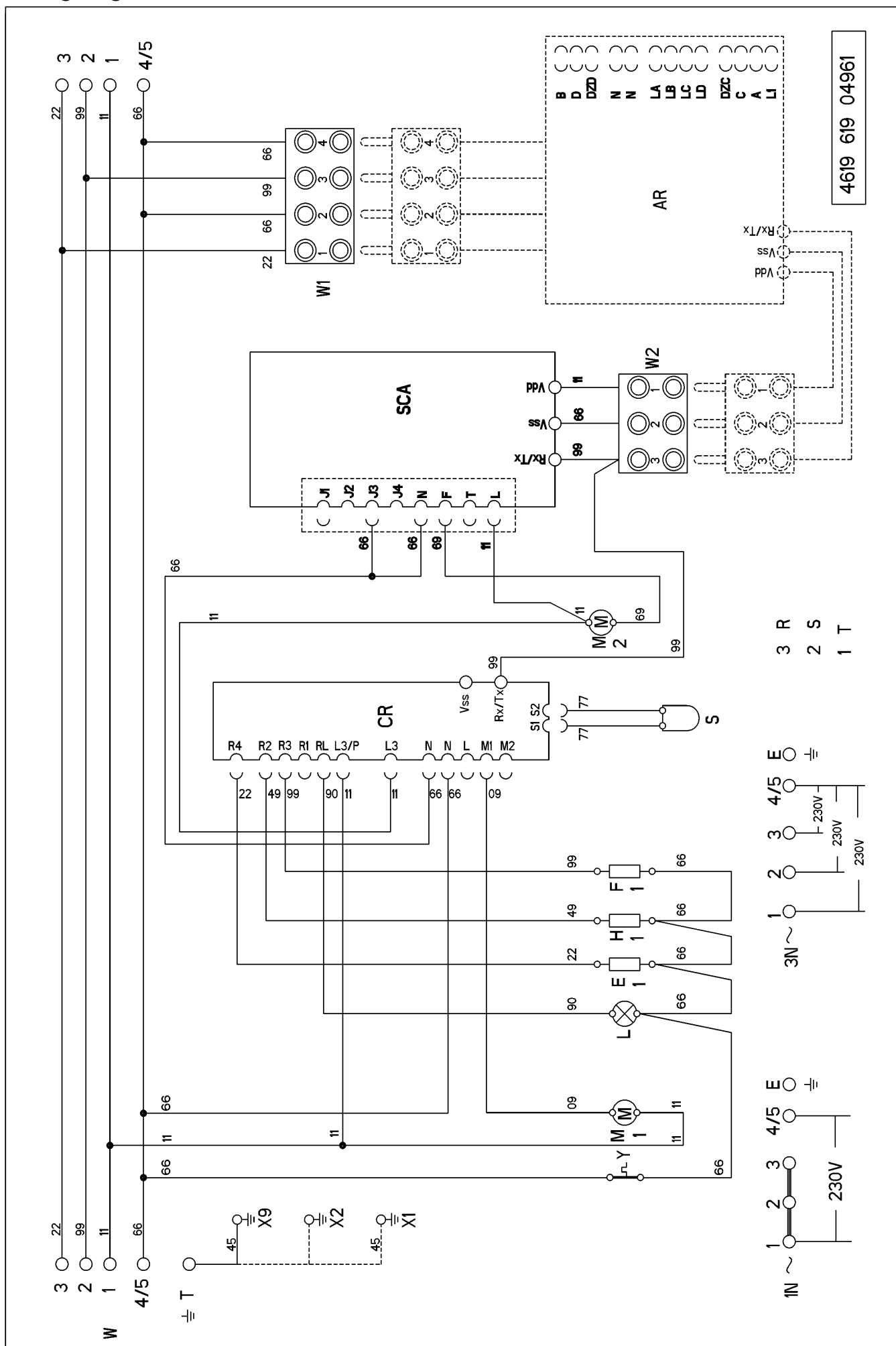
Pos. No.	12NC Code	Description
025 3	4812 460 49357	Trim upper part
040 0	4812 417 19148	Hinge
047 0	4812 417 19137	Hinge run.mech.
110 0	4812 498 68213	Door handle
110 1	4819 462 48456	Rubber ring
121 0	4812 440 39326	Door, inner + glass
121 3	4812 460 78913	Profile
141 0	4812 450 58759	Oven glass + profile
143 0	4812 450 78018	Glas cover
191 0	4812 466 88684	Gasket
201 0	4812 440 19701	Panel, rear
245 0	4819 458 19991	Oven shelf
246 0	4819 418 38366	Baking tray
247 0	4819 418 38367	Tray, leak
261 0	4819 458 68266	Inset grid left
261 1	4819 458 68265	Inset grid right
320 0	4812 452 48651	Panel, control
320 1	4812 505 68021	Collar
331 2	4812 412 78924	Knob
331 3	4812 412 78926	Knob
331 4	4812 412 78927	Knob
331 5	4812 412 78925	Knob
332 0	4819 276 18434	Microswitch
334 0	4812 412 78922	Knob
334 2	4812 412 78923	Knob
350 0	4812 130 38718	Display
350 1	4812 404 78333	Holder
352 0	4819 214 78637	Program indic.
352 1	4819 404 79439	Support
354 6	4819 902 00644	Panel glass
440 0	4812 361 18399	Motor, fan
441 0	4812 361 18393	Ventilator cooling
441 1	4819 468 18387	Gasket border
443 0	4819 515 48065	Fan wheel
451 0	4812 259 98405	Heating element forced-air 240 V
452 0	4812 259 98419	Heating element upper/grill
456 0	4812 259 98418	Heating element lower heat 1450 W
490 1	4812 290 68255	Clamp, cable
491 0	4812 290 68271	Connection block 5-way + earth
500 0	4819 214 78691	Unit control switch+timer G2A 11POS:
521 0	4812 214 78976	Power unit
522 0	4819 214 78707	Module hob
557 0	4812 282 28263	Temper.limiter
651 0	4819 134 88153	Lamp, oven
652 0	4819 255 18237	Holder, lamp rear
656 0	4819 450 69844	Lamp screen rear
691 0	4819 210 78097	Sensor temper.
914 0	4819 505 18323	Nut
915 0	4819 505 18145	Nut
932 0	4819 492 68714	Spring
962 2	4812 462 28497	Cover
993 0	4812 310 48185	Mounting kit

Exploded view

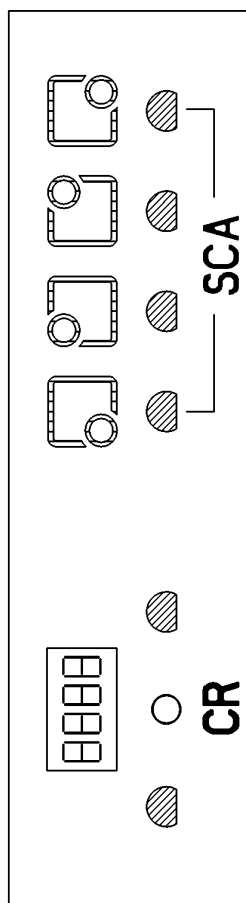
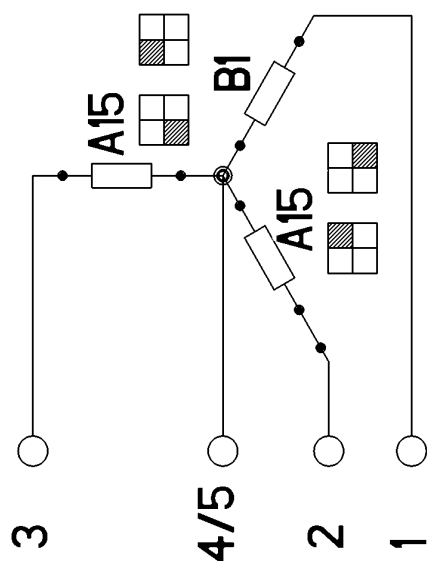


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Wiring diagram



4619 619 04961



4619 619 04961

AR	ELECTRONIC HOB POWER UNIT
CR	ELECTRONIC OVEN POWER UNIT
E1	UPPER HEATING EL.\GRILL
F1	ROUND HEATING EL.
H1	LOWER HEATING EL.
L	OVEN LAMP
M1	CAVITY FAN
M2	COOLING FAN
S	CAVITY TEMPERATURE PROBE
SCA	ELECTRONIC HOB CONTROL UNIT
W	MAINS TERMINAL BLOCK
W1	CONNECTOR POWER SUPPLY FOR HOB
W2	CONNECTOR DATA TRANSMISSION
X1	EARTHING CABINET
X2	EARTHING HOB
Y	EARTHING UPPER HEATING, EL. THERMOLIMITER

00	BLACK
11	BROWN
22	RED
33	ORANGE
44	YELLOW
55	GREEN
66	BLUE
77	VIOLET
88	BLUE SKY
99	WHITE
09	WHITE-BLACK
29	WHITE-RED
49	WHITE-YELLOW
69	WHITE-BLUE
90	GREY
45	YELLOW-GREEN